

WHAT IS CLAIMED IS:

1. A laminated color light filter, comprising a layer of substantially transparent dye-colored plastic laminated to a layer of substantially transparent glass.
- 5 2. A laminated color light filter, comprising:
 - a layer of substantially transparent dye-colored plastic;
 - 10 a layer of substantially transparent glass; and
 - a layer of substantially transparent adhesive intermediate said layers and laminating said layers together.
- 15 3. A laminated color light filter, comprising:
 - a layer of substantially transparent dye-colored plastic having a first thermal conductivity;
 - 20 a layer of substantially transparent base material having a second thermal conductivity greater than said first thermal conductivity; and
 - a layer of substantially transparent adhesive intermediate said layer of substantially clear dye-colored plastic and said layer of substantially transparent base material, said adhesive laminating said layers together and providing heat transfer from said layer of substantially transparent dye-colored plastic to said layer of substantially transparent base material.
- 25 4. The laminated color light filter according to claim 3 wherein said layer of substantially transparent dye-colored plastic material is a layer of substantially transparent dye-colored thermoplastic material.
- 30 5. The laminated color light filter according to claim 4 wherein said layer of substantially transparent dye-

- colored thermoplastic material is a layer of substantially transparent dye-colored polycarbonate.
6. The laminated color light filter according to claim 3 wherein said layer of substantially transparent base material is a layer of substantially transparent glass.
- 5 7. The laminated color light filter according to claim 6 wherein said layer of substantially transparent glass is a layer of substantially transparent Pyrex.
8. The laminated color light filter according to claim 3 wherein said layer of substantially transparent glass is 10 a layer of substantially transparent quartz glass.
- 10 9. The laminated color light filter according to claim 3 wherein said layer of substantially transparent base material has a second thermal conductivity about 4 times 15 the first thermal conductivity of said layer of substantially transparent dye-colored plastic.
10. The laminated color light filter according to claim 3 wherein said layer of substantially transparent adhesive is sufficiently thick to laminate said layer of 20 substantially transparent dye-colored plastic to said layer of substantially transparent base material and is sufficiently thin to transfer heat from said layer of substantially transparent dye-colored plastic to said layer of substantially transparent base material.
- 25 11. The laminated color light filter according to claim 10 wherein said layer of substantially transparent adhesive has a thickness of about 0.0002 inch.
12. The laminated color light filter according to claim 3 wherein said layer of substantially transparent dye-colored plastic has a thickness of about 0.003 inch.
- 30 13. The laminated color light filter according to claim 3 wherein said layer of substantially transparent base material has a thickness of about 0.125 inch.

14. A manufacture comprising:

5 a layer of substantially transparent colored plastic for providing at least a portion of a color light filter; and

10 a layer of substantially transparent pressure sensitive adhesive adhered to one surface of said layer of plastic and for adhering said layer of plastic to a substantially transparent layer of glass for conveying away at least a portion of the heat upon said layer of plastic becoming heated while functioning as at least a portion of a color light filter.

15. The manufacture according to claim 14 wherein said manufacture further comprises a layer of release material adhered to said layer of adhesive.